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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
On July 16, 2004

Date of Deposit

Vincent J. Gnoffo, Reg. No. 44,174

Name of applicant, assignee or
Registered Representative

Vincent J. Gnoffo
Signature

July 16, 2004
Date of Signature

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JUL 22 2004

Technology Center 2100

Our Case No.10022/99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | |
|-------------------------------|---|--------------------------|
| In re Application of: |) | |
| |) | |
| Mullen, et al |) | |
| |) | Examiner: Kenny S. Lin |
| Serial No. 09/705,576 |) | |
| |) | Group Art Unit No.: 2154 |
| Filing Date: November 3, 2000 |) | |
| |) | |
| For DATA WAREHOUSE |) | |
| COMPUTING SYSTEM |) | |

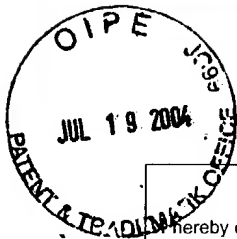
SUPPLEMENTAL AMENDMENT A

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated April 15, 2004, and further to Amendment A that we recently filed, please enter the following additional amendments.

Amendments to the Claims begin on page 2 of this paper.
Remarks begin on page 13 of this paper.

2154
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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

Hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: July 16, 2004

Name: Vincent J. Gnoffo

Signature: *Vincent J. Gnoffo***BRINKS
HOFER
GILSON
& LIONE****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Appln. of: Nancy K. Mullen et al.

Appln. No.: 09/705,576

Filed: November 3, 2000

For: Data Warehouse Computing System

Attorney Docket No: 10022/99

Examiner: K. Lin

Art Unit: 2154

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

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Sir:

JUL 22 2004

Attached is/are:

- ☒ Transmittal Cover Letter (1p. Filed in Dup.); Supplemental Amendment A (13pp.)
☒ Return Receipt Postcard

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Fee calculation:

- ☐ No additional fee is required.
☐ * Small Entity.
☐ An extension fee in an amount of \$_____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
☐ A petition or processing fee in an amount of \$_____ under 37 C.F.R. § 1.17(____).
☐ An additional filing fee has been calculated as shown below:

| | | | | | Small Entity | | | Not a Small Entity | |
|---|----------------------------------|-------|---------------------------------|---------------|--------------|-----------|----|--------------------|-----------|
| | Claims Remaining After Amendment | | Highest No. Previously Paid For | Present Extra | Rate | Add'l Fee | or | Rate | Add'l Fee |
| Total | 30 | Minus | 62 | 0 | x \$9= | | | x \$18= | |
| Indep. | 5 | Minus | 5 | 0 | x 43= | | | x \$86= | |
| First Presentation of Multiple Dep. Claim | | | | | + \$145= | | | + \$290= | |
| | | | | | Total | \$ | | Total | \$ |

Fee payment:

- ☐ A check in the amount of \$_____ is enclosed.
☐ Please charge Deposit Account No. 23-1925 in the amount of \$_____. A copy of this Transmittal is enclosed for this purpose.
☐ Payment by credit card in the amount of \$_____ (Form PTO-2038 is attached).
☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

July 16, 2004
Date

Respectfully submitted,

Vincent J. Gnoffo
Vincent J. Gnoffo (Reg. No. 44,714)